



OIEP

RAW SEQUENCE LISTING DATE: 01/26/2002
 PATENT APPLICATION: US/09/988,019 TIME: 14:02:05

Input Set : N:\CrF3\RULE60\09988019.raw
 Output Set: N:\CrF3\01252002\I988019.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

- 5 (i) APPLICANT: SOKOL, Pamela A.
 6 KOOI, Cora D.
 8 (ii) TITLE OF INVENTION: CONSERVED METALLOPROTEASE EPITOPES
 10 (iii) NUMBER OF SEQUENCES: 29
 12 (iv) CORRESPONDENCE ADDRESS:
 13 (A) ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, LLP
 14 (B) STREET: P.O. Box 1404
 15 (C) CITY: Alexandria
 16 (D) STATE: Virginia
 17 (E) COUNTRY: USA
 18 (F) ZIP: 22313-1404

20 (v) COMPUTER READABLE FORM:

- 21 (A) MEDIUM TYPE: Floppy disk
 22 (B) COMPUTER: IBM PC compatible
 23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

26 (vi) CURRENT APPLICATION DATA:

- 27 (A) APPLICATION NUMBER: US/09/988,019
 28 (B) FILING DATE: 16-Nov-2001
 29 (C) CLASSIFICATION:

31 (vii) PRIOR APPLICATION DATA:

- 32 (A) APPLICATION NUMBER: US/08/772,282
 33 (B) FILING DATE: 20-DEC-1996

37 (viii) ATTORNEY/AGENT INFORMATION:

- 38 (A) NAME: STANEK REA, Teresa
 39 (B) REGISTRATION NUMBER: 30,427
 40 (C) REFERENCE/DOCKET NUMBER: 024916-005

42 (ix) TELECOMMUNICATION INFORMATION:

- 43 (A) TELEPHONE: (703) 836-6620
 44 (B) TELEFAX: (703) 836-2021

47 (2) INFORMATION FOR SEQ ID NO: 1:

49 (i) SEQUENCE CHARACTERISTICS:

- 50 (A) LENGTH: 25 amino acids
 51 (B) TYPE: amino acid
 52 (C) STRANDEDNESS: single
 53 (D) TOPOLOGY: linear

55 (ii) MOLECULE TYPE: peptide

60 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

62 Val Ser His Gly Phe Thr Glu Gln Asn Ser Gly Leu Ile Tyr Arg Gly
 63 1 5 10 15
 65 Gln Ser Gly Gly Met Asn Glu Ala Phe

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66          20          25
68 (2) INFORMATION FOR SEQ ID NO: 2:
69   (i) SEQUENCE CHARACTERISTICS:
70       (A) LENGTH: 9 amino acids
71       (B) TYPE: amino acid
72       (C) STRANDEDNESS: single
73       (D) TOPOLOGY: linear
74   (ii) MOLECULE TYPE: peptide
81   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
83   Val Ser His Gly Phe Thr Glu Gln Asn
84   1          5
86 (2) INFORMATION FOR SEQ ID NO: 3:
88   (i) SEQUENCE CHARACTERISTICS:
89       (A) LENGTH: 9 amino acids
90       (B) TYPE: amino acid
91       (C) STRANDEDNESS: single
92       (D) TOPOLOGY: linear
94   (ii) MOLECULE TYPE: peptide
99   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
101   His Gly Phe Thr Glu Gln Asn Ser Gly
102   1          5
104 (2) INFORMATION FOR SEQ ID NO: 4:
106   (i) SEQUENCE CHARACTERISTICS:
107       (A) LENGTH: 9 amino acids
108       (B) TYPE: amino acid
109       (C) STRANDEDNESS: single
110       (D) TOPOLOGY: linear
112   (ii) MOLECULE TYPE: peptide
117   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
119   Phe Thr Glu Gln Asn Ser Gly Leu Ile
120   1          5
122 (2) INFORMATION FOR SEQ ID NO: 5:
124   (i) SEQUENCE CHARACTERISTICS:
125       (A) LENGTH: 9 amino acids
126       (B) TYPE: amino acid
127       (C) STRANDEDNESS: single
128       (D) TOPOLOGY: linear
130   (ii) MOLECULE TYPE: peptide
135   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
137   Glu Gln Asn Ser Gly Leu Ile Tyr Arg
138   1          5
140 (2) INFORMATION FOR SEQ ID NO: 6:
142   (i) SEQUENCE CHARACTERISTICS:
143       (A) LENGTH: 9 amino acids
144       (B) TYPE: amino acid
145       (C) STRANDEDNESS: single
146       (D) TOPOLOGY: linear
148   (ii) MOLECULE TYPE: peptide
153   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

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155     Asn Ser Gly Leu Ile Tyr Arg Gly Gln
156     1             5
158 (2) INFORMATION FOR SEQ ID NO: 7:
160     (i) SEQUENCE CHARACTERISTICS:
161         (A) LENGTH: 9 amino acids
162         (B) TYPE: amino acid
163         (C) STRANDEDNESS: single
164         (D) TOPOLOGY: linear
166     (ii) MOLECULE TYPE: peptide
171     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
173     Gly Leu Ile Tyr Arg Gly Gln Ser Gly
174     1             5
176 (2) INFORMATION FOR SEQ ID NO: 8:
178     (i) SEQUENCE CHARACTERISTICS:
179         (A) LENGTH: 9 amino acids
180         (B) TYPE: amino acid
181         (C) STRANDEDNESS: single
182         (D) TOPOLOGY: linear
184     (ii) MOLECULE TYPE: peptide
189     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
191     Ile Tyr Arg Gly Gln Ser Gly Gly Met
192     1             5
194 (2) INFORMATION FOR SEQ ID NO: 9:
196     (i) SEQUENCE CHARACTERISTICS:
197         (A) LENGTH: 9 amino acids
198         (B) TYPE: amino acid
199         (C) STRANDEDNESS: single
200         (D) TOPOLOGY: linear
202     (ii) MOLECULE TYPE: peptide
207     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
209     Arg Gly Gln Ser Gly Gly Met Asn Glu
210     1             5
212 (2) INFORMATION FOR SEQ ID NO: 10:
214     (i) SEQUENCE CHARACTERISTICS:
215         (A) LENGTH: 9 amino acids
216         (B) TYPE: amino acid
217         (C) STRANDEDNESS: single
218         (D) TOPOLOGY: linear
220     (ii) MOLECULE TYPE: peptide
225     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
227     Gln Ser Gly Gly Met Asn Glu Ala Phe
228     1             5
230 (2) INFORMATION FOR SEQ ID NO: 11:
232     (i) SEQUENCE CHARACTERISTICS:
233         (A) LENGTH: 19 amino acids
234         (B) TYPE: amino acid
235         (C) STRANDEDNESS: single
236         (D) TOPOLOGY: linear
238     (ii) MOLECULE TYPE: peptide
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243 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
245 Ser Gly Ala Leu Arg Tyr Met Asp Gln Pro Ser Arg Asp Gly Arg Ser
246 1 5 10 15
248 Ile Asp Met
251 (2) INFORMATION FOR SEQ ID NO: 12:
253 (i) SEQUENCE CHARACTERISTICS:
254 (A) LENGTH: 9 amino acids
255 (B) TYPE: amino acid
256 (C) STRANDEDNESS: single
257 (D) TOPOLOGY: linear
259 (ii) MOLECULE TYPE: peptide
264 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
266 Ser Gly Ala Leu Arg Tyr Met Asp Gln
267 1 5
269 (2) INFORMATION FOR SEQ ID NO: 13:
271 (i) SEQUENCE CHARACTERISTICS:
272 (A) LENGTH: 9 amino acids
273 (B) TYPE: amino acid
274 (C) STRANDEDNESS: single
275 (D) TOPOLOGY: linear
277 (ii) MOLECULE TYPE: peptide
282 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
284 Ala Leu Arg Tyr Met Asp Gln Pro Ser
285 1 5
287 (2) INFORMATION FOR SEQ ID NO: 14:
289 (i) SEQUENCE CHARACTERISTICS:
290 (A) LENGTH: 9 amino acids
291 (B) TYPE: amino acid
292 (C) STRANDEDNESS: single
293 (D) TOPOLOGY: linear
295 (ii) MOLECULE TYPE: peptide
300 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
302 Arg Tyr Met Asp Gln Pro Ser Arg Asp
303 1 5
305 (2) INFORMATION FOR SEQ ID NO: 15:
307 (i) SEQUENCE CHARACTERISTICS:
308 (A) LENGTH: 9 amino acids
309 (B) TYPE: amino acid
310 (C) STRANDEDNESS: single
311 (D) TOPOLOGY: linear
313 (ii) MOLECULE TYPE: peptide
318 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
320 Met Asp Gln Pro Ser Arg Asp Gly Arg
321 1 5
323 (2) INFORMATION FOR SEQ ID NO: 16:
325 (i) SEQUENCE CHARACTERISTICS:
326 (A) LENGTH: 9 amino acids
327 (B) TYPE: amino acid
328 (C) STRANDEDNESS: single

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329         (D) TOPOLOGY: linear
331     (ii) MOLECULE TYPE: peptide
336     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
338     Gln Pro Ser Arg Asp Gly Arg Ser Ile
339         1             5
341 (2) INFORMATION FOR SEQ ID NO: 17:
343     (i) SEQUENCE CHARACTERISTICS:
344         (A) LENGTH: 9 amino acids
345         (B) TYPE: amino acid
346         (C) STRANDEDNESS: single
347         (D) TOPOLOGY: linear
349     (ii) MOLECULE TYPE: peptide
354     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
356     Ser Arg Asp Gly Arg Ser Ile Asp Met
357         1             5
359 (2) INFORMATION FOR SEQ ID NO: 18:
361     (i) SEQUENCE CHARACTERISTICS:
362         (A) LENGTH: 9 amino acids
363         (B) TYPE: amino acid
364         (C) STRANDEDNESS: single
365         (D) TOPOLOGY: linear
367     (ii) MOLECULE TYPE: peptide
372     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
374     Asp Gly Thr Ala Met Leu Phe Gly Asp
375         1             5
377 (2) INFORMATION FOR SEQ ID NO: 19:
379     (i) SEQUENCE CHARACTERISTICS:
380         (A) LENGTH: 9 amino acids
381         (B) TYPE: amino acid
382         (C) STRANDEDNESS: single
383         (D) TOPOLOGY: linear
385     (ii) MOLECULE TYPE: peptide
390     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
392     Tyr Leu Leu Ala Asn Ser Pro Gly Trp
393         1             5
395 (2) INFORMATION FOR SEQ ID NO: 20:
397     (i) SEQUENCE CHARACTERISTICS:
398         (A) LENGTH: 9 amino acids
399         (B) TYPE: amino acid
400         (C) STRANDEDNESS: single
401         (D) TOPOLOGY: linear
403     (ii) MOLECULE TYPE: peptide
408     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
410     Arg Tyr Phe Asp Gln Pro Ser Arg Asp
411         1             5
413 (2) INFORMATION FOR SEQ ID NO: 21:
415     (i) SEQUENCE CHARACTERISTICS:
416         (A) LENGTH: 9 amino acids
417         (B) TYPE: amino acid

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VERIFICATION SUMMARY

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L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]